Docket No.

8733.6641

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S) Woo Sup SHIN et al.

SERIAL NO:

09/039,438

FILING DATE: March 16, 1998

FOR:

ETCHING APPARATUS



ASSISTANT COMMISSIONER FOR PATENTS WASHINGTON, D.C. 20231

FOR	NUMBER FILED	NUMBER EXTRA	RATE	CALCULATIONS
TOTAL CLAIMS	20 - 20 =	0	× \$18 =	\$0.00
INDEPENDENT CLAIMS	3 - 3 =	0	× \$78 =	\$0.00
☐ MULTIPLE DEPENDENT CLAIMS (If applicable) + \$260 =				\$0.00
TOTAL OF ABOVE CALCULATIONS				\$0.00
□ REDUCTION BY 50% FOR FILING BY SMALL ENTITY				\$0.00
□ EXTENSION OF TIME	FEE		=	\$0.00
			TOTAL	\$0.00

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The Commissioner is hereby authorized to charge any additional fees which may be required for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to Deposit Account No. 50-0911. A duplicate copy of this sheet is enclosed.

Respectfully Submitted,

LONG ALDRIDGE & NORMAN LLP

Date: July 6, 2000

Sixth Floor 701 Pennsylvania Ave., N.W. Washington, D.C. 20004 Tel. (202) 624-1200 Fax. (202) 624-1298

Song K. Jung

Registration No. 35,210 TC 1700 HAIL ROOM



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8733.6641

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Woo Sup SHIN, et al.

GAU:

1763

SERIAL NO:

09/039,438

FILING DATE: March 16, 1998

EXAMINER: A. Powell

FOR:

Etching Apparatus

AMENDMENT

ASSISTANT COMMISSIONER FOR PATENTS WASHINGTON, D.C. 20231

SIR:

B

In response to the Office Action dated April 6, 2000, please amend the above-referenced application as follows:

IN THE CLAIMS:

Please AMEND claims 1, 10, and 11 as follows:

1. (Twice Amended) An etching apparatus for etching a glass substrate comprising:

a first tank including a first etchant;

an etch bath for immersing said glass substrate in said first etchant, said etch bath having a bubble plate, the etch bath being connected to the first tank and receiving the first etchant, the etch